EPA ID Number *(copy from Item I of Form 1)*

Form Approved. OMB No. 2040-0086
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OUTFALL # 1

VII. Discharge Information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease	2. mg/l 3. g				1	Vehicles
Biological Oxygen Demand (BOD5)	< 2. mg/l < 3. g	2. mg/l 70 g			1	Unknown
Chemical Oxygen Demand (COD)	110. mg/l 1.79 kg	92. mg/l 3.1 kg			1	Unknown
Total Suspended Solids (TSS)	5. mg/l 8. g	80. mg/l 2.7 kg			1	Cooling Water
Total Kjeldahl Nitrogen	0.10 mg/l 160 mg	4.05 mg/l 136 g			1	Unknown
Nitrate plus Nitrite Nitrogen	0.41 mg/l 670 mg	1.24 mg/l 41.7 g			1	Unknown
Total Phosphorus	0.06 mg/l 98 mg	0.09 mg/l 3.0 g			1	Unknown
pH 7.6	Minimum	Maximum	Minimum	Maximum		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Copper	0.028 mg/l	0.045 mg/l			1	Unknown
*	45.5 mg	1.51 g			1	Unknown

Continued from the Front

Part C – List each pollutant shown in Tables 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow–weighted Composite	Grab Sample Taken During First 30 Minutes	Flow–weighted Composite		

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*	7. Season sample was taken	8. Form of Precipitaion *(rainfall, snowmelt)*
11/20/92 11/21/92	420	0.39	288 SEE ATTACHMENT VIID	98 gpm	8890 gal SEE ATTACHMENT VIID	FALL	RAIN

9. Provide a description of the method of flow measurement or estimate.

V–NOTCH WEIR WAS CONSTRUCTED AND DEPTH OF WATER OVER THE VEE WAS RECORDED.

EPA ID Number *(copy from Item I of Form 1)*

Form Approved. OMB No. 2040-0086
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OUTFALL # 2

VII. Discharge Information *(Continued from page 3 of Form 2F)*

Part A – You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease	5. mg/l 5. g				1	Vehicles
Biological Oxygen Demand (BOD5)	3. mg/l 3. g	4. mg/l 60 g			1	Unknown
Chemical Oxygen Demand (COD)	92. mg/l 97. g	88. mg/l 1.3 kg			1	Unknown
Total Suspended Solids (TSS)	34. mg/l 36. g	21. mg/l 300 g			1	Site Dirt
Total Kjeldahl Nitrogen	0.88 mg/l 930 mg	0.32 mg/l 4.5 g			1	Unknown
Nitrate plus Nitrite Nitrogen	0.85 mg/l 900 mg	0.85 mg/l 12. g			1	Unknown
Total Phosphorus	0.12 mg/l 130 mg	0.04 mg/l 570 mg			1	Unknown
pH 7.0	Minimum	Maximum	Minimum	Maximum		

Part B – List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Copper	0.036 mg/l	0.039 mg/l			1	Unknown
"	38.1 mg	553 mg			1	Unknown

Continued from the Front

Part C – List each pollutant shown in Tables 2F–2, 2F–3, and 2F–4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Source of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow–weighted Composite	Grab Sample Taken During First 30 Minutes	Flow–weighted Composite		

Part D – Provide data for the storm event(s) which resulted in the maximum values for the flow weighted composite sample.

1. Date of Storm Event	2. Duration of Storm *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*	7. Season sample was taken	8. Form of Precipitaion *(rainfall, snowmelt)*
11/20/92 11/21/92	420	0.39	288 SEE ATTACHMENT VIID	[illegible] gpm	3750 gal	FALL	RAIN

9. Provide a description of the method of flow measurement or estimate.

V–NOTCH WEIR WAS CONSTRUCTED AND DEPTH OF WATER OVER THE VEE WAS RECORDED.

Table 2F-2

Conventional and Nonconventional Pollutants Required To Be Tested by Existing Discharger if Expected To Be Present

Bromide
Chlorine, Total Residual
Color
Fecal Coliform
Fluoride
Nitrate-Nitrite
Nitrogen, Total Kjedahl
Oil and Grease
Phosphorus, Total Radioactivity
Sulfate
Sulfide
Sulfite
Surfactants
Aluminum, Total
Barium, Total
Boron, Total
Cobalt, Total
Iron, Total
Magnesium, Total
Molybdenum, Total
Magnesium, Total
Tin, Total
Titanium, Total

Table 2F-3

Toxic pollutants required to be identified by applicant if expected to be present

Toxic Pollutants and Total Phenol

Antimony, Total	Copper, Total	Silver, Total
Arsenic, Total	Lead, Total	Thallium, Total
Beryllium, Total	Mercury, Total	Zinc, Total
Cadmium, Total	Nickel, Total	Cyanide, Total
Chromium, Total	Selenium, Total	Phenols, Total

GC/MS Fraction Volatiles Compounds

Acrolein	Dichlorobromomethane	1,1,2,2,-Tetrachloroethane
Acrylonitrile	1,1-Dichloroethane	Tetrachloroethylene
Benzene	1,2-Dichloroethane	Toluene
Bromoform	1,1-Dichloroethylene	1,2-Trans-Dichloroethylene
Carbon Tetrachloride	1,2-Dichloropropane	1,1,1-Trichloroethane
Chlorobenzene	1,3-Dichloropropylene	1,1,2-Trichloroethane
Chlorodibromomethane	Ethylbenzene	Trichloroethylene
Chloroethane	Methyl Bromide	Vinyl Chloride
2-Chloroethylvinyl Ether	Methyl Chloride	
Chloroform	Methylene Chloride	

Acid Compounds

2-Chlorophenol	2,4-Dinitrophenol	Pentachlorophenol
2,4-Dichlorophenol	2-Nitrophenol	Phenol
2,4-Dimethylphenol	4-Nitrophenol	2,4,6-Trichlorophenol
4,6-Dinitro-O-Cresol	p-Chloro-M-Cresol	

Base/Neutral

Acenaphthene	2-Chloronaphthalene	Fluroranthene
Acenaphthylene	4-Chlorophenyl Phenyl Ether	Fluorene
Anthracene	Chrysene	Hexachlorobenzene
Benzidine	Dibenzo(a,h)anthracene	Hexachlorobutadiene
Benzo(a)anthracene	1,2-Dichlorobenzene	Hexachloroethane
Benzo(a)pyrene	1,3-Dichlorobenzene	Indeno(1,2,3-cd)pyrene
3,4-Benzofluoranthene	1,4-Dichlorobenzene	Isophorone
Benzo(ghi)perylene	3,3'-Dichlorobenzidine	Napthalene
Benzo(k)fluoranthene	Diethyl Phthalate	Nitrobenzene
Bis(2-chloroethoxy)methane	Dimethyl Phthalate	N-Nitrosodimethylamine
Bis(2-chloroethyl)ether	Di-N-Butyl Phthalate	N-Nitrosodi-N-Propylamine
Bis(2-chloroisopropyl)ether	2,4-Dinitrotoluene	N-Nitrosodiphenylamine
Bis(2-ethylyhexyl)phthalate	2,6-Dinitrotoluene	Phenanthrene
4-Bromophenyl Phenyl Ether	Di-N-Octylphthalate	Pyrene
Butylbenzyl Phthalate	1,2-Diphenylhydrazine (as Azobenzene)	1,2,4-Trichlorobenzene

Pesticides

Aldrin	Dieldrin	PCB-1254
Alpha-BHC	Alpha-Endosulfan	PCB-1221
Beta-BHC	Beta-Endosulfan	PCB-1232
Gamma-BHC	Endosulfan Sulfate	PCB-1248
Delta-BHC	Endrin	PCB-1260
Chlordane	Endrin Aldehyde	PCB-1016
4,4'-DDT	Heptachlor	Toxaphene
4,4'-DDE	Heptachlor Epoxide	
4,4'-DDD	PCB-1242	

Table 2F-4

Hazardous substances required to be identified by applicant if expected to be present

Toxic Pollutant

Asbestos

Hazardous Substances

Acetaldehyde	Dinitrobenzene	Napthenic acid
Allyl alcohol	Diquat	Nitrotoluene
Allyl chloride	Disulfoton	Parathion
Amyl acetate	Diuron	Phenolsulfonate
Aniline	Epichlorohydrin	Phosgene
Benzonitrile	Ethion	Propargite
Benzyl chloride	Ethylene diamine	Propylene oxide
Butyl acetate	Ethylene dibromide	Pyrethrins
Butylamine	Formaldehyde	Quinoline
Carbaryl	Furfural	Resorcinol
Carbofuran	Guthion	Stronthium
Carbon disulfide	Isoprene	Strychnine
Chlorpyrifos	Isopropanolamine	Styrene
Coumaphos	Kelthane	2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)
Cresol	Kepone	TDE (Tetrachlorodiphenyl ethane)
Crotonaldehyde	Malathion	2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid]
Cyclohexane	Mercaptodimethur	Trichlorofan
2,4-D (2,4-Dichlorophenoxyacetic acid)	Methoxychlor	Triethylamine
Diazinon	Methyl mercaptan	Trimethylamine
Dicamba	Methyl methacrylate	Uranium
Dichlobenil	Methyl parathion	Vanadium
Dichlone	Mevinphos	Vinyl acetate
2,2-Dichloropropionic acid	Mexacarbate	Xylene
Dichlorvos	Monoethyl amine	Xylenol
Diethyl amine	Monomethyl amine	Zirconium
Dimethyl amine	Naled	

ATTACHMENT VIID

Beginning at 9:00 AM on the 19th of November and ending at 2:00 PM on the 20th of November, there were periods of light rain. The total rainfall during this 29 hour period was 0.2" but the maximum rainfall intensity was only 0.02"/hr. At Outfall #2, where only rainfall runoff was measured, the total runoff during the entire 29 hour period was only 570 gal. and this was not enough to complete composite sampling. This rain event prior to the rain event sampled was not considered to exceed the 0.1" rainfall during the 72 hour period prior to the storm measured. It can be considered as several smaller storms none of which exceeded the 0.1" definition of a measurable storm event. The 0.1" rainfall prior to the storm measured occurred on November 8th, 1992.

The flow discharged from Outfall #1 consists of storm runoff from roofs and pavements and permitted non-contact cooling water. The total flow from rain event reported in item VIID.6 is the flow from the rainfall event and the cooling water during the entire time there was runoff from the storm. The cooling water flow rate at the start of the storm was measured to be 13.5 gpm and the cooling water flow rate after runoff ceased was measured to be 3 gpm.